

REF ID: A1234567890

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Terms	Documents
(L6 or L7 or L8) and L3	12

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- IBM Technical Disclosure Bulletins

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<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
		result set	
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
<u>L9</u>	(L6 or L7 or L8) and L3	12	<u>L9</u>
<u>L8</u>	711/209.ccls.	510	<u>L8</u>
<u>L7</u>	711/118-123.ccls.	3858	<u>L7</u>
<u>L6</u>	709/201.ccls.	2500	<u>L6</u>
<u>L5</u>	L4 and (time same requir\$3)	84	<u>L5</u>
<u>L4</u>	L3 and 707/\$.ccls.	96	<u>L4</u>
<u>L3</u>	L1 and (checkpoint or ("check point") or (check near point))	223	<u>L3</u>
<u>L2</u>	L1 and (redo near phase)	8	<u>L2</u>
<u>L1</u>	recovery with work	8191	<u>L1</u>

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Search Results - Record(s) 1 through 10 of 12 returned.

1. Document ID: US 20040221116 A1

L9: Entry 1 of 12

File: PGPB

Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040221116

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040221116 A1

TITLE: Method and mechanism for efficient implementation of ordered records

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn De](#)

2. Document ID: US 6640238 B1

L9: Entry 2 of 12

File: USPT

Oct 28, 2003

US-PAT-NO: 6640238

DOCUMENT-IDENTIFIER: US 6640238 B1

** See image for Certificate of Correction **

TITLE: Activity component in a presentation services patterns environment

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn De](#)

3. Document ID: US 6615253 B1

L9: Entry 3 of 12

File: USPT

Sep 2, 2003

US-PAT-NO: 6615253

DOCUMENT-IDENTIFIER: US 6615253 B1

TITLE: Efficient server side data retrieval for execution of client side applications

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn De](#)

4. Document ID: US 6609136 B2

L9: Entry 4 of 12

File: USPT

Aug 19, 2003

US-PAT-NO: 6609136

DOCUMENT-IDENTIFIER: US 6609136 B2

** See image for Certificate of Correction **

TITLE: Recovering data from a failed cache using a surviving cache

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KIMC](#) [Drawn De](#)

5. Document ID: US 6567827 B2

L9: Entry 5 of 12

File: USPT

May 20, 2003

US-PAT-NO: 6567827

DOCUMENT-IDENTIFIER: US 6567827 B2

TITLE: Using a checkpoint to manage data that is shared by a plurality of nodes

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KIMC](#) [Drawn De](#)

6. Document ID: US 6564234 B2

L9: Entry 6 of 12

File: USPT

May 13, 2003

US-PAT-NO: 6564234

DOCUMENT-IDENTIFIER: US 6564234 B2

TITLE: Managing a resource used by a plurality of nodes

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KIMC](#) [Drawn De](#)

7. Document ID: US 6564230 B2

L9: Entry 7 of 12

File: USPT

May 13, 2003

US-PAT-NO: 6564230

DOCUMENT-IDENTIFIER: US 6564230 B2

TITLE: Transferring a resource between caches of different nodes

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KIMC](#) [Drawn De](#)

8. Document ID: US 6539396 B1

L9: Entry 8 of 12

File: USPT

Mar 25, 2003

US-PAT-NO: 6539396

DOCUMENT-IDENTIFIER: US 6539396 B1

** See image for Certificate of Correction **

TITLE: Multi-object identifier system and method for information service pattern environment

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

9. Document ID: US 6507853 B2

L9: Entry 9 of 12

File: USPT

Jan 14, 2003

US-PAT-NO: 6507853

DOCUMENT-IDENTIFIER: US 6507853 B2

TITLE: Recovering data from a failed cache using recovery logs of caches that updated the data

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

10. Document ID: US 6411968 B1

L9: Entry 10 of 12

File: USPT

Jun 25, 2002

US-PAT-NO: 6411968

DOCUMENT-IDENTIFIER: US 6411968 B1

TITLE: Managing recovery of data after failure of one or more caches

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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Terms

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Search:

L15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refine Search
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side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L15</u>	L13 and L1	16	<u>L15</u>
<u>L14</u>	L13 and L12	3	<u>L14</u>
<u>L13</u>	714/19.cccls.	105	<u>L13</u>
<u>L12</u>	L11 and (checkpoint or ("check point") or (check near point))	166	<u>L12</u>
<u>L11</u>	L10 and L1	739	<u>L11</u>
<u>L10</u>	recovery with failure	14474	<u>L10</u>
<u>L9</u>	(L6 or L7 or L8) and L3	12	<u>L9</u>
<u>L8</u>	711/209.cccls.	510	<u>L8</u>
<u>L7</u>	711/118-123.cccls.	3858	<u>L7</u>
<u>L6</u>	709/201.cccls.	2500	<u>L6</u>
<u>L5</u>	L4 and (time same requir\$3)	84	<u>L5</u>
<u>L4</u>	L3 and 707/\$.cccls.	96	<u>L4</u>
<u>L3</u>	L1 and (checkpoint or ("check point") or (check near point))	223	<u>L3</u>
<u>L2</u>	L1 and (redo near phase)	8	<u>L2</u>

L1 recovery with work

8191 L1

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1. Document ID: US 7266722 B2

L15: Entry 1 of 16

File: USPT

Sep 4, 2007

US-PAT-NO: 7266722

DOCUMENT-IDENTIFIER: US 7266722 B2

TITLE: System and method for efficient lock recovery

PRIOR-PUBLICATION:

DOC-ID DATE

US 20030079155 A1 April 24, 2003

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sentences](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

2. Document ID: US 7203866 B2

L15: Entry 2 of 16

File: USPT

Apr 10, 2007

US-PAT-NO: 7203866

DOCUMENT-IDENTIFIER: US 7203866 B2

TITLE: Method and apparatus for a programming language having fully undoable, timed reactive instructions

PRIOR-PUBLICATION:

DOC-ID DATE

US 20030120978 A1 June 26, 2003

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sentences](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

3. Document ID: US 7197665 B2

L15: Entry 3 of 16

File: USPT

Mar 27, 2007

US-PAT-NO: 7197665

DOCUMENT-IDENTIFIER: US 7197665 B2

TITLE: Physical incremental backup using snapshots

PRIOR-PUBLICATION:

DOC-ID

US 20040163009 A1

DATE

August 19, 2004

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [SEQUENCES](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 4. Document ID: US 6618822 B1

L15: Entry 4 of 16

File: USPT

Sep 9, 2003

US-PAT-NO: 6618822

DOCUMENT-IDENTIFIER: US 6618822 B1

TITLE: Method and mechanism for relational access of recovery logs in a database system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [SEQUENCES](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 5. Document ID: US 6578159 B1

L15: Entry 5 of 16

File: USPT

Jun 10, 2003

US-PAT-NO: 6578159

DOCUMENT-IDENTIFIER: US 6578159 B1

TITLE: Transaction processing method and apparatus

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [SEQUENCES](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 6. Document ID: US 6539402 B1

L15: Entry 6 of 16

File: USPT

Mar 25, 2003

US-PAT-NO: 6539402

DOCUMENT-IDENTIFIER: US 6539402 B1

TITLE: Using periodic spaces of block ID to improve additional recovery

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [SEQUENCES](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#) 7. Document ID: US 6308287 B1

L15: Entry 7 of 16

File: USPT

Oct 23, 2001

US-PAT-NO: 6308287

DOCUMENT-IDENTIFIER: US 6308287 B1

TITLE: Transaction processing system, method and computer program product

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. De
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8. Document ID: US 6185699 B1

L15: Entry 8 of 16

File: USPT

Feb 6, 2001

US-PAT-NO: 6185699

DOCUMENT-IDENTIFIER: US 6185699 B1

TITLE: Method and apparatus providing system availability during DBMS restart recovery

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. De
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9. Document ID: US 5983361 A

L15: Entry 9 of 16

File: USPT

Nov 9, 1999

US-PAT-NO: 5983361

DOCUMENT-IDENTIFIER: US 5983361 A

TITLE: Method of prevention of dangling transaction occurrence using a terminated transaction process technique at redo step

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. De
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10. Document ID: US 5923833 A

L15: Entry 10 of 16

File: USPT

Jul 13, 1999

US-PAT-NO: 5923833

DOCUMENT-IDENTIFIER: US 5923833 A

TITLE: Restart and recovery of OMG-compliant transaction systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. De
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11. Document ID: US 5832203 A

L15: Entry 11 of 16

File: USPT

Nov 3, 1998

US-PAT-NO: 5832203

DOCUMENT-IDENTIFIER: US 5832203 A

TITLE: Method for providing recovery from a failure in a system utilizing distributed audit

12. Document ID: US 5596710 A

L15: Entry 12 of 16

File: USPT

Jan 21, 1997

US-PAT-NO: 5596710

DOCUMENT-IDENTIFIER: US 5596710 A

TITLE: Method for managing roll forward and roll back logs of a transaction object

13. Document ID: US 5381545 A

L15: Entry 13 of 16

File: USPT

Jan 10, 1995

US-PAT-NO: 5381545

DOCUMENT-IDENTIFIER: US 5381545 A

TITLE: Data backup and recovery in a data processing system

14. Document ID: US 5327532 A

L15: Entry 14 of 16

File: USPT

Jul 5, 1994

US-PAT-NO: 5327532

DOCUMENT-IDENTIFIER: US 5327532 A

TITLE: Coordinated sync point management of protected resources

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Section 102](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Draw. D](#)

15. Document ID: US 4868744 A

L15: Entry 15 of 16

File: USPT

Sep 19, 1989

US-PAT-NO: 4868744

DOCUMENT-IDENTIFIER: US 4868744 A

TITLE: Method for restarting a long-running, fault-tolerant operation in a transaction-oriented data base system without burdening the system log

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Section 102](#) | [Attachments](#) | [Claims](#) | [KINIC](#) | [Draw. D](#)

16. Document ID: US 4498145 A

L15: Entry 16 of 16

File: USPT

Feb 5, 1985

US-PAT-NO: 4498145

DOCUMENT-IDENTIFIER: US 4498145 A

TITLE: Method for assuring atomicity of multi-row update operations in a database system

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Terms		Documents			
L13 and L1		16			

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REF ID: A91212007

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Terms	Documents
"redo phase recovery"	10

Database:

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			result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L8</u>	"redo phase recovery"	10	<u>L8</u>
<u>L7</u>	L6 and (redo same phase)	6	<u>L7</u>
<u>L6</u>	L5 and phase	478	<u>L6</u>
<u>L5</u>	L1 and (work with requir\$3)	1346	<u>L5</u>
<u>L4</u>	L1 and (work same requir\$)	2549	<u>L4</u>
<u>L3</u>	L2 and (work same requir\$3)	1	<u>L3</u>
<u>L2</u>	L1 and ("redo phase")	8	<u>L2</u>
<u>L1</u>	recovery with work	8191	<u>L1</u>

END OF SEARCH HISTORY